

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/599,479  
Source: IFWP  
Date Processed by STIC: 10/10/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 10/10/2006

PATENT APPLICATION: US/10/599,479

TIME: 14:34:13

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10102006\J599479.raw

3 &lt;110&gt; APPLICANT: Masayoshi SHICHIRI

5 <120> TITLE OF INVENTION: CARDIOINHIBITORY/ANTIHYPERTENSIVE NOVEL  
ENDOGENOUS PHYSIOLOGICALLY ACTIVE

6 PEPTIDE

8 &lt;130&gt; FILE REFERENCE: 4439-4047

W--&gt; 9 &lt;140&gt; CURRENT APPLICATION NUMBER: TBA

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2006-09-29

12 &lt;150&gt; PRIOR APPLICATION NUMBER: JP2004-110463

13 &lt;151&gt; PRIOR FILING DATE: 2004-04-02

15 &lt;160&gt; NUMBER OF SEQ ID NOS: 8

17 &lt;170&gt; SOFTWARE: PatentIn version 3.1

19 &lt;210&gt; SEQ ID NO: 1

20 &lt;211&gt; LENGTH: 72

21 &lt;212&gt; TYPE: DNA

22 &lt;213&gt; ORGANISM: Homo sapiens

24 &lt;400&gt; SEQUENCE: 1

26 gccatcttca tcttcacag caacacgggt ggcaagcaga tcaaccaggt ggcattggag 60

28 gcgtggcgca gc 72

31 &lt;210&gt; SEQ ID NO: 2

32 &lt;211&gt; LENGTH: 24

33 &lt;212&gt; TYPE: PRT

34 &lt;213&gt; ORGANISM: Homo sapiens

36 &lt;400&gt; SEQUENCE: 2

38 Ala Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Lys Gln Ile Asn Gln

39 1 5 10 15

42 Val Ala Leu Glu Ala Trp Arg Ser

43 20

46 &lt;210&gt; SEQ ID NO: 3

47 &lt;211&gt; LENGTH: 28

48 &lt;212&gt; TYPE: PRT

49 &lt;213&gt; ORGANISM: Artificial

51 &lt;220&gt; FEATURE:

52 &lt;223&gt; OTHER INFORMATION: salusin-alpha

54 &lt;400&gt; SEQUENCE: 3

56 Ser Gly Ala Leu Pro Pro Ala Pro Ala Ala Pro Arg Pro Ala Leu Arg

57 1 5 10 15

60 Ala Gln Arg Ala Gly Pro Ala Gly Pro Gly Ala Lys

61 20 25

64 &lt;210&gt; SEQ ID NO: 4

65 &lt;211&gt; LENGTH: 20

66 &lt;212&gt; TYPE: PRT

67 &lt;213&gt; ORGANISM: Artificial

69 &lt;220&gt; FEATURE:

70 &lt;223&gt; OTHER INFORMATION: salusin-beta

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72 <400> SEQUENCE: 4
74 Ala Ile Phe Ile Phe Ile Arg Trp Leu Leu Lys Leu Gly His His Gly
75 1           5           10           15
78 Arg Ala Pro Pro
79           20
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 72
84 <212> TYPE: DNA
85 <213> ORGANISM: Rat
87 <400> SEQUENCE: 5
89 gccattttca tctttatcag caatactgga ggtgagcaga tcaaccaggt ggccttggag      60
91 gcatggcgca gc                                           72
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 24
96 <212> TYPE: PRT
97 <213> ORGANISM: Rat
99 <400> SEQUENCE: 6
101 Ala Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Glu Gln Ile Asn Gln
102 1           5           10           15
105 Val Ala Leu Glu Ala Trp Arg Ser
106           20
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 1527
111 <212> TYPE: DNA
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 7
115 gcctctgacc gaaatcgggc ctcaaccgga tggcggtggc gaggcacggc taccggccct      60
117 ggggctcgat cctcgggctg ctcgggctgg ccttggtgctg cgccgcccgc tgggacgtgg      120
119 cttctctgcg ctgcaccttc ggctcggttct gcgaatgcga cttctggccc gacttgccgg      180
121 gtctggaatg tgacctggct caacacctgg ctggccagca tttggccaag gccctggtgg      240
123 tgaagtcact gaaggccttt gtacaggacc cagccccag caagccgttg gtcctttccc      300
125 tgcacggctg gacaggcacc ggggaagtcc acgttagctc cctgctggca cagcatctct      360
127 tccgggatgg ccttcgcagc cctcacgtcc atcacttctc ccctatcatc catttcccac      420
129 atcccagccg cactgagcag tacaagaagg agctcaagag ctgggttcag gggaacctca      480
131 ctgcctgtgg ccgatccctt ttctctctcg atgagatgga caagctgcct cctggcctga      540
133 tggaagtcct gcagcccttc ctgggccctt cttgggttgt gtatgggacc aactatcgca      600
135 aagccatctt catctttatc agcaatgctg gtggtgagca gatcaaccag gtggccttgg      660
137 aggcctggcg cagccacagg gacagggaag aaatcagcct acaggaggtg gagccagtaa      720
139 tctcccagac tgtgatggac aacctcaac atggcttctg gcggtctggc atcatggagg      780
141 agcacctgct ggacgtgtg gtgcccttcc tcccgtcca gcggcatcac gtgcgccact      840
143 gcgtactcaa tgagctggct cagttgggcc tggagcccag cgaggaggtg gttcaggcgg      900
145 tgctggacag caccacctac ttccctgagg tagaacagct cttctcctcc aatggctgca      960
147 agacagtggc ctcccgaact acatttttcc tctgagaagc ccagggtggc tgcgtgcctc      1020
149 ctctgcctgg tcagagcaaa cacgaaaggc ctgggtggct cctggaagaa atctttccta      1080
151 agctggttgg caagtgggac ccagagcaca atgttaagat gaagaaagggt gttggccagg      1140
153 ccaaggaaga aaggtctaga agcatctttg ctaagaaact cctgggtacc ccgcaacctc      1200
155 acagccgtgc cattgccctg cagtctgagc cttagccttc tcaatgtgaa cggcaactca      1260
157 gggacgaagg ctctggctg cttccagctg gggactctta ctggcatgcc ttgtctggct      1320
159 cctttcccag acctcagccc acagactgtg gctggaccca gcaatccagc taggccaggc      1380

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161 tagcacctca caggttcccc aaatggaagg actcaagcta ctacatgggc ctgaatttca 1440
163 aagttttttaa ttttgtacaa gagaacagag attaaataaa cttagccttg gtattagaaa 1500
165 aaaaaaaaaa aaaaaaaaaa aaaaaaaa 1527
168 <210> SEQ ID NO: 8
169 <211> LENGTH: 321
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 8
174 Met Ala Ala Ala Thr Arg Gly Cys Arg Pro Trp Gly Ser Leu Leu Gly
175 1 5 10 15
178 Leu Leu Gly Leu Val Ser Ala Ala Ala Ala Trp Asp Leu Ala Ser
179 20 25 30
182 Leu Arg Cys Thr Leu Gly Ala Phe Cys Glu Cys Asp Phe Arg Pro Asp
183 35 40 45
186 Leu Pro Gly Leu Glu Cys Asp Leu Ala Gln His Leu Ala Gly Gln His
187 50 55 60
190 Leu Ala Lys Ala Leu Val Lys Ala Leu Lys Ala Phe Val Arg Asp
191 65 70 75 80
194 Pro Ala Pro Thr Lys Pro Leu Val Leu Ser Leu His Gly Trp Thr Gly
195 85 90 95
198 Thr Gly Lys Ser Tyr Val Ser Ser Leu Leu Ala His Tyr Leu Phe Gln
199 100 105 110
202 Gly Gly Leu Arg Ser Pro Arg Val His His Phe Ser Pro Val Leu His
203 115 120 125
206 Phe Pro His Pro Ser His Ile Glu Arg Tyr Lys Lys Asp Leu Lys Ser
207 130 135 140
210 Trp Val Gln Gly Asn Leu Thr Ala Cys Gly Arg Ser Leu Phe Leu Phe
211 145 150 155 160
214 Asp Glu Met Asp Lys Met Pro Pro Gly Leu Met Glu Val Leu Arg Pro
215 165 170 175
218 Phe Leu Gly Ser Ser Trp Val Val Tyr Gly Thr Asn Tyr Ala Lys Ala
219 180 185 190
222 Ile Phe Ile Phe Ile Ser Asn Thr Gly Gly Lys Gln Ile Asn Gln Val
223 195 200 205
226 Ala Leu Glu Ala Trp Arg Ser Arg Arg Asp Arg Glu Glu Ile Leu Leu
227 210 215 220
230 Gln Glu Leu Glu Pro Val Ile Ser Arg Ala Val Leu Asp Asn Pro His
231 225 230 235 240
234 His Gly Phe Ser Asn Ser Gly Ile Met Glu Glu Arg Leu Leu Asp Ala
235 245 250 255
238 Val Val Pro Phe Leu Pro Leu Gln Arg His His Val Arg His Cys Val
239 260 265 270
242 Leu Asn Glu Leu Ala Gln Leu Gly Leu Glu Pro Arg Asp Glu Val Val
243 275 280 285
246 Gln Ala Val Leu Asp Ser Thr Thr Phe Phe Pro Glu Asp Glu Gln Leu
247 290 295 300
250 Phe Ser Ser Asn Gly Cys Lys Thr Val Ala Ser Arg Ile Ala Phe Phe
251 305 310 315 320
254 Leu

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/599,479

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/599,479

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L:9 M:283 W: Missing Blank Line separator, <140> field identifier

L:9 M:270 C: Current Application Number differs, Replaced Current Application  
Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date